```
(venv) MacBook-Air:module5 edwardnardo$ clear
(venv) MacBook-Air:module5 edwardnardo$ python kmeans.py
iterations to achieve stability: 7
Centroid 8: (21.423076923076923, 78.57692307692308)
Number of Points in cluster 8: 26
Cluster 8: [['37', '95'], ['5', '58'], ['40', '64'], ['37', '61'], ['22', '58'], ['24', '56'], ['5', '55'], ['11', '71'], ['18', '75'], ['19', '61'], ['38', '97'], ['17', '44'], ['11', '95'], ['19', '61'], ['13', '85'], ['1', '61'], ['18', '67'], ['17', '71'], ['18', '75'], ['19', '61'], ['38', '97'], ['23', '71'], ['35', '67'], ['17', '44'], ['18', '18'], ['19', '16'], ['18', '40'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '16'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18', '18'], ['18',
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